AMENDMENTS TO THE CLAIMS

Claim 1 (Original) A methanol-reforming catalyst, characterized by containing an intermetallic compound Ni_3Al.

Claim 2 (Original) The methanol-reforming catalyst according to Claim 1, characterized by containing the intermetallic compound Ni_3Al and coexistent components, wherein the contents of Ni and Al are respectively 77 to 95% and 5 to 23% with respect to the total element composition (wt %) including the coexistent components.

Claim 3 (Currently Amended) The methanol-reforming catalyst according to Claim 1 ~~or 2~~, characterized by being a powder or granule prepared by machining and mechanically polishing a melt-prepared ingot or in an atomization process.

Claim 4 (Currently Amended) The methanol-reforming catalyst according to Claim 1 ~~or 2~~, characterized by being a cold-rolled foil prepared in cold-rolling method by using a Ni_3Al alloy prepared by unidirectional solidification method.

Claim 5 (Currently Amended) The methanol-reforming catalyst according to ~~any one of Claims 1 to 4~~ Claim 1, wherein carbon nanofibers containing metal fine particles are deposited on the surface thereof.

Claim 6 (Original) The methanol-reforming catalyst according to Claim 5, wherein the metal fine particles are fine particles of at least one of the metals of Ni and Ni_3Al.

Claim 7 (Currently Amended) The methanol-reforming catalyst according to ~~any one of Claims 1 to 6~~ Claim 1, characterized by being alkali or acid treated.

Claim 8 (Currently Amended) A methanol-reforming method by using the catalyst according to ~~any one of Claims 1 to 7~~ Claim 1, characterized in that hydrogen is

produced by bringing methanol or a liquid mixture of methanol and water into contact with the catalyst.

Claim 9 (Original) The methanol-reforming method according to Claim 8, wherein the methanol or the liquid mixture of methanol and water is brought into contact with the catalyst that is previously subjected to a hydrogen reduction treatment.

Claim 10 (New) The methanol-reforming catalyst according to Claim 2, characterized by being a powder or granule prepared by machining and mechanically polishing a melt-prepared ingot or in an atomization process.

Claim 11 (New) The methanol-reforming catalyst according to Claim 2, characterized by being a cold-rolled foil prepared in cold-rolling method by using a Ni_3Al alloy prepared by unidirectional solidification method.

Claim 12 (New) The methanol-reforming catalyst according to Claim 2, wherein carbon nanofibers containing metal fine particles are deposited on the surface thereof.

Claim 13 (New) The methanol-reforming catalyst according to Claim 3, wherein carbon nanofibers containing metal fine particles are deposited on the surface thereof.

Claim 14 (New) The methanol-reforming catalyst according to Claim 4, wherein carbon nanofibers containing metal fine particles are deposited on the surface thereof.

Claim 15 (New) The methanol-reforming catalyst according to Claim 2, characterized by being alkali or acid treated.

Claim 16 (New) The methanol-reforming catalyst according to Claim 3, characterized by being alkali or acid treated.

Claim 17 (New) The methanol-reforming catalyst according to Claim 4, characterized by being alkali or acid treated.

Claim 18 (New) The methanol-reforming catalyst according to Claim 5, characterized by being alkali or acid treated.

Claim 19 (New) The methanol-reforming catalyst according to Claim 6, characterized by being alkali or acid treated.

Claim 20 (New) A methanol-reforming method by using the catalyst according to Claim 2, characterized in that hydrogen is produced by bringing methanol or a liquid mixture of methanol and water into contact with the catalyst.

Claim 21 (New) A methanol-reforming method by using the catalyst according to Claim 3, characterized in that hydrogen is produced by bringing methanol or a liquid mixture of methanol and water into contact with the catalyst.

Claim 22 (New) A methanol-reforming method by using the catalyst according to Claim 4, characterized in that hydrogen is produced by bringing methanol or a liquid mixture of methanol and water into contact with the catalyst.

Claim 23 (New) A methanol-reforming method by using the catalyst according to Claim 5, characterized in that hydrogen is produced by bringing methanol or a liquid mixture of methanol and water into contact with the catalyst.

Claim 24 (New) A methanol-reforming method by using the catalyst according to Claim 6, characterized in that hydrogen is produced by bringing methanol or a liquid mixture of methanol and water into contact with the catalyst.

Claim 25 (New) A methanol-reforming method by using the catalyst according to Claim 7, characterized in that hydrogen is produced by bringing methanol or a liquid mixture of methanol and water into contact with the catalyst.